

Choose the statements that are correct:**1. Glutathione peroxidase (GPx) in ovarian cancer in Indonesia**

More than one answer is correct.

- GPx is an oxidant enzyme that maintains the balance of reactive oxygen species (ROS).
- Ovarian cancer represents 2% of gynaecological malignancies.
- According to current data, 40% of ovarian cancers are epithelial in origin.
- ROS cause damage to lipids, proteins and DNA and are implicated in several stages of carcinogenesis.
- The increase of ROS causes an increase in cell proliferation and genetic mutation and affects cellular sensitivity to anti-cancer agents.

2. Laparoscopic management of ectopic pregnancy (EP) in a secondary level hospital in South Africa (SA)

More than one answer is correct.

- According to Confidential Enquiries, the reported mortality due to EP increased from 2011 to 2017.
- The Royal College of Obstetricians and Gynaecologists (RCOG) in England recommends the laparoscopic approach for EP even when the ectopic site is ruptured, if the operator is experienced.
- The Cochrane Review into EP states that the laparoscopic approach for EP is more expensive than the open approach.
- The RCOG notes that salpingostomy should be considered over salpingectomy as the primary technique if the contralateral tube is damaged and fertility is desired.
- In the case series in this article, the majority of the EPs were not ruptured.

3. Seroprevalence of cytomegalovirus (CMV) among pregnant women in Namibia

More than one answer is correct.

- CMV has been identified as the most common cause of non-inherited hearing loss.
- Transmission of CMV occurs through breastfeeding, sexual contact and contact with body fluids.
- Epidemiological data in the USA suggest that CMV infection affects 10% of newborns.
- Recent data suggest CMV-related hearing loss is more likely to occur with primary infection than reactivation.
- The cytotoxic T-lymphocyte response is not related to the risk of CMV reactivation, and therefore there is no association with decreased immunity states.

4. Factors associated with delays accessing emergency maternity care in Arsi, Ethiopia

More than one answer is correct.

- The 'four delays' model is a model designed in the 1990s to better understand the factors associated with maternal mortality.
- The second delay is related to the patient, family or community that may fail to recognise the need to travel to a healthcare facility.
- According to this study, women aged >19 years were 95% less likely to experience difficulties in accessing medical care than young women aged 15 - 19 years.
- According to this study, women who did not attend antenatal care were twice as likely to experience delays in accessing emergency medical care as those who had.
- In this study, 83% of respondents had attended antenatal care clinics of some kind.

5. The value of histopathology of the placenta in a tertiary referral hospital in SA

More than one answer is correct.

- According to the data, unexplained intrauterine death (IUD) represents the largest category of causes of perinatal deaths in babies <1000 g in SA.
- Several studies in high-income countries have shown that only 8 - 10% of cases of cerebral palsy are due to intrapartum asphyxia.
- A clinical suspicion of chorioamnionitis is a sensitive indicator when compared with histological examination.
- In this study, histological evidence of chorioamnionitis was found in 34.6% cases of IUD.
- In this study, 2% of IUDs investigated were associated with TORCH infections.

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